

LISTING OF THE CLAIMS

Claims 5-24 are pending. Please amend claims 5, 7-9, and 15-18 without acquiescence in the Office Action's basis for neither rejections nor prejudice to pursue in a related application. No new matter has been added. A complete listing of the pending claims is provided below and supersedes all previous claim lists.

1-4. (Canceled)

5. (Previously Presented) A method employed in a distributed database system that includes a plurality of database systems for responding to a request received in a particular database system of the plurality of the database systems, ~~[[each]]~~ the particular database system of the plurality of the database systems including a query engine and a database and the method ~~comprising the steps~~ performed in the particular database system's query engine ~~[[of]]~~ comprising:

placing the request in a form required for execution in the particular database system, wherein the request includes a SQL statement;

determining when the request is parsed whether an execution of the request is preferably done at least in part in another database system of the plurality of the database systems;

modifying the form when it has been determined that the request is preferably executed at least in part in the other database system, the form required for execution is a cursor and the cursor is marked for redirection; and

~~if that is the case,~~ redirecting that part of the execution to the other database system, wherein the modified form is redirected.

6. (Previously Presented) The method set forth in claim 5 wherein:
the request includes a specifier referring to an object that is not present in the particular database system; and
the step of determining whether the execution of the request is preferably done in the other database system determines that the object required for execution of the request is not present in the particular database system.
7. (Currently Amended) The method set forth in claim 5 ~~further comprising the steps of:~~
~~placing the request in a form required for execution in the particular database system;~~
~~modifying the form when it has been determined that the request is preferably executed at least in part in the other database system; and~~
~~in the step of redirecting, wherein the modified form is redirected~~ act of redirecting
can be turned on or off by a user.
8. (Currently Amended) The method set forth in claim [[7]] 5, wherein:
~~the request includes an SQL statement;~~
~~the form required for execution is a cursor; and~~
~~in the step of modifying the form, the cursor is marked for redirection~~ redirected
whenever an entire object that the cursor refers to is not present in the particular database system.
9. (Currently Amended) The method set forth in claim [[7]] 1, wherein:
the request includes a call to a procedure object; and
in the step of modifying the form, the call is rewritten in the form required for

execution as a remote procedure call directed to the other database system.

10. (Previously Presented) A data storage device, characterized in that:
the data storage device contains code which when executed by a processor
performs the method set forth in claim 5.

11. (Previously Presented) A data storage device, characterized in that:
the data storage device contains code which when executed by a processor
performs the method set forth in claim 6.

12. (Previously Presented) A data storage device, characterized in that:
the data storage device contains code which when executed by a processor
performs the method set forth in claim 7.

13. (Previously Presented) A data storage device, characterized in that:
the data storage device contains code which when executed by a processor
performs the method set forth in claim 8.

14. (Previously Presented) A data storage device, characterized in that:

the data storage device contains code which when executed by a processor
performs the method set forth in claim 9.

15. (Currently Amended) Apparatus that redirects at least a part of a request received in a particular database system belonging to a distributed database system to another database system in the distributed database system, ~~[[each]]~~ the particular database system belonging to the distributed database system including a query engine and a database and the apparatus comprising:

a request analyzer in the particular database system's query engine that determines that the request, comprising a SQL statement, is preferably executed at least in part in the other database system, wherein the request analyzer places the request in a form required for execution in the particular database system, causes the form to be modified when the request is preferably executed at least in part in the other database system, and includes the SQL statement in a cursor that the request analyzer causes to be marked for redirection; and

a redirector in the particular database system's query engine that redirects execution of at least the part of the request to the other database system, wherein the redirector redirects the modified form and the marked cursor.

16. (Currently Amended) The apparatus set forth in claim 15, wherein a user can turn ~~[[:]~~

~~the request analyzer places the request in a form required for execution in the particular database system and causes the form to be modified when the request is preferably executed at least in part in the other database system; and~~

~~the redirector redirects the modified form~~ on or off.

17. (Currently Amended) The apparatus set forth in claim ~~[[16]]~~ 15, wherein:

~~the request includes an SQL statement;~~

~~—the request analyzer includes the SQL statement in a cursor that the request analyzer causes to be marked for redirection; and~~

~~—the redirector redirects the marked~~ the cursor is redirected whenever an entire

object that the cursor refers to is not present in the particular database system.

18. (Currently Amended) The apparatus set forth in claim [[16]] 15, wherein:
the request includes a call to a procedure object; and
the redirector causes the call to be rewritten in a form required for execution as
a remote procedure call directed to the other database system.

19 (Previously Presented) The apparatus set forth in claim 15 wherein:
the request includes a specifier referring to an object that is not present in the
particular database system and
the request analyzer determines that an object required for execution of the
request is not present in the particular database system.

20. (Previously Presented) A data storage device, characterized in that:
the data storage device contains code which when executed implements an
apparatus as set forth in claim 15.

21. (Previously Presented) A data storage device, characterized in that:
the data storage device contains code which when executed implements an
apparatus as set forth in claim 16.

22. (Previously Presented) A data storage device, characterized in that:
the data storage device contains code which when executed implements an
apparatus as set forth in claim 17.

23. (Previously Presented) A data storage device, characterized in that:
the data storage device contains code which when executed implements an apparatus as set forth in claim 18.

24. (Previously Presented) A data storage device, characterized in that:
the data storage device contains code which when executed implements an apparatus as set forth in claim 19.